The Bolingbroke Lecture

ENTITLED

SOME STRAY THOUGHTS UPON TUBERCULOSIS.

Delivered before the South-West London Medical Society on June 13th, 1906.

BY EDMUND OWEN, F.R.C.S. ENG.,

CONSULTING SURGEON TO ST. MARY'S HOSPITAL AND TO THE HOSPITAL FOR SICK CHILDREN, GREAT ORMOND-STREET, LONDON.

GENTLEMEN,—Together with the invitation that I should deliver the Bolingbroke lecture this year, came a notification from the honorary secretaries that they were sending me the last Report of your Society. And whilst I was trying to think of some subject on which I might venture to speak, it came into my mind that they probably had some definite reason for sending me that Report, and on the very first page I found it. In the opening paragraph your President is congratulating you upon the good average attendance of members at the various meetings of the society and of the sustained interest which has been taken in the proceedings. And he makes use of these words:—"One cause which contributes no doubt to this satisfactory state of matters is that the council has made an effort to obtain papers of practical, rather than of scientific interest, and to confine questions of ethics to discussions at the meetings of council." This, it must have been, which was to catch my eye. It was a hint that I was not to take up any ethical question. "Ethics" is apparently a new science, certainly it is one in which I have not taken exercise. Nevertheless, it must be an important one, for it has a section all to itself in the affairs of the British Medical Association, presided over by a representative, a distinguished and a highly judicial bench. I know practically nothing about this science. But, judging from what I hear, it is much more easy to profess than to practise. There ought to be no need in our profession to make a special study of it; nor would there be if its members would only try to follow that simple rule of conduct given in the course of a short, open-air sermon nearly 2000 years ago, to the effect that we should do to our brother practitioners just what, in similar circumstances, we should like them to do to us. And I take it that one object of the foundation of the South-West London Medical Society, as, indeed, of every like society, is that by the assembling of ourselves together we may the more clearly keep this ideal before us, and may thus find its practice the more easy. Also that by acquiring a better personal knowledge of our professional neighbours, we may learn to hold each other in increasing respect, and be the more ready to forgive misunderstandings, and to forget them. And if I am to do my best that this particular meeting of the society shall be as successful as the others have been, I am to try to offer you a paper "of practical rather than of scientific interest." Not, of course, that you or I would hurriedly pass by, or refuse to give a recognition of gratitude to, those who are patiently, devotedly, and hopefully working at the purely scientific side of our profession. We all respect the scientific workers in our midst. But in these days of physical hurry, of intense desire to offer the highest services to our patients, and (let us be quite honest in the admission) of anxious care to earn a livelihood, and, if possible, to provide for ourselves a modest old-age pension, we are a little apt to overlook the fact that there are many of our brethren who, apparently caring for none of these things, are quietly working at the science of our profession from the pure love of it. Let us not forget them! Some, disciples of Pasteur and Behring, are silently and patiently plodding away in the not far distant Listerian Institute, whilst others, like Bashford and his associates, are laying siege to the dread foe of cancer. Some are occupied with the bacilli of tuberculosis, or with the cocci of septic disease—or with the two combined. Whilst others, travelling more or less upon the lines laid down by Manson and Ross, are investigating, and with most gratifying results, the problems of tropical affections. And of these there are some, as we know, who, carrying their life in their hand, in order to come to closer quarters with disease, are going into the heart of those countries where it is at its worst. And these various devout workers, because they deem it necessary to experiment upon mice and guinea-pigs, or on other beasts of the field which the Creator has placed not only under their feet but in their hands, are liable to be held up to public scorn and vituperation by men who, in the time of sickness, would unquestioningly avail themselves of any advantage in the treatment of disease which might in this way have been secured to us as practitioners. To say that such persons cannot be consistent is to put it too mildly; let us, rather, call them *mean*, and, in some cases actually *dishonest*, and having cast them on one side, let us salute with respect those who are attacking with scientific and determined energy these many problems of life and death. And for them, in the prosecution of their researches, let us admit and claim that there must still be, as there has been in the past, experimentation on what are disrespectfully called the "lower animals." To all these devoted and unselfish workers, then, in their various laboratories, let us offer a full measure of gratitude; let us assure them of our appreciative recognition of their services, and let us wish them "God-speed."

With my choice thus limited and directed, it came into my mind that I might do worse than adopt as my subject the treatment of Tuberculosis, taking a general survey of the question, from a 1906 point of view, and drawing from it certain deductions. I do not know where one should look to find the first mention of tuberculosis, but we are informed that Naaman the Syrian had a sharp attack of it, which ended in a remarkable and exceedingly happy way,—so far, at least, as *he* was concerned.

It has been said that every man, woman and child is more or less tuberculous; and as one goes on in his professional work with eyes and ears open, he is unlikely to declare that the saying is absurdly devoid of truth. Like most epigrams, however, it is not altogether true. But there is always an attractiveness about an epigram which atones for a certain want of truth—"Syphilis once, syphilis ever," is a good instance of this. But when one is dealing with some tardy manifestation of syphilis so late on that he might almost be justified in believing that time had long since blotted out the record, the crisp saying flashes across his mind, and he thinks it is quite true. But, thank God, it is not true. Nor is it true that we are all "more or less tuberculous."

THE LIABILITY TO TUBERCULOUS INFECTION.

For an individual to be tuberculous three things are necessary—there must be the lurking bacilli, the implantation of the bacilli, and the suitability of the individual for the cultivation of the implanted bacilli. Similarly, there are three points whence attack may be made upon this preventable disease, and under the influence of public opinion, enlightened by modern teaching, excellent advance has of late been made from each point.

In the first place, the individual himself is being steadily and surely improved, and thus rendered less vulnerable. As a ratepayer, I admit that I am not in love with the County Council, but still I must claim for it that in the way in which it is taking care that all persons, rich and poor, shall be decently housed and shall have the utmost light procurable, that the air which they breathe shall be duly inspected and guarded, it is doing its best—and a great deal it is—to supply a favourable answer to the King's pertinent question concerning the prevention of preventable disease. The County Council is, I maintain, doing great things in this direction. But there is plenty yet for it to do, and why it should not be absolutely progressive in its good work, I fail to understand.

To you who are practising in this south-western suburb, it must be a matter of constant observation that when the lease of some fine old family residence expires, a notice appears to the effect that the property is for sale. Charming associations with the time of Queen Anne or the early Georges are forthwith to be effaced. The venerable mulberry-tree, the cedar-tree, and the sundial on its stone pedestal, all of which you know so well, are to be ruthlessly swept away; the delightful old garden is to be trampled down by builders' labourers, and the lawn is to be made the dumping-ground for their bricks, lime, and scaffolding-poles. In short, this old-world spot is to be covered with residential flats. I do not ask that the County Council should say that such things

McKean and James Ernest Martin, University College; Robert Vernon G. Monckton, St. Bartholomew's Hospital; Helen Irene Moss, London (Royal Free Hospital) School of Medicine for Women; Alfred H. Parkinson, B.Sc., University of Leeds; Theodore Charles Pocock, Guy's Hospital; Percy John Probyn, Royal Army Medical College and Charing Cross Hospital; Hamilton Ernest Quick, B.Sc., and Max Balzar Reichwald, St. Bartholomew's Hospital; Philip Meredith Roberts, University College; Lilian Trousdale Rowland, Sophia Seckings, and Nora Frances Smith, London (Royal Free Hospital) School of Medicine for Women; Charles Algernon Stidston, St. Bartholomew's Hospital; B. Tchaykovsky, B.Sc., London (Royal Free Hospital) School of Medicine for Women; Thomas Turner, Guy's Hospital; Howard Francis Warner, London Hospital; John Benjamin Valentine Watts, University College, Bristol; Arthur George Wells, University College; Harold B. Whitehouse, St. Thomas's Hospital; and Lilian Ethel Wilson, London (Royal Free Hospital) School of Medicine for Women.

The following candidates have passed in one of the two groups of subjects:—

Group I.—Kenneth Mayoh Gibbins, St. Mary's Hospital; Dorothea Clara Maude, London (Royal Free Hospital) School of Medicine for Women; William Edward Rattledge, University College; Harold Brooke Scargill, University of Leeds; Francis William Schofield, Victoria University; Edward Bertram Smith, St. Bartholomew's Hospital; George Wray Sudlow, University College and Victoria University; and Joseph Unsworth, the University and Royal Infirmary, Liverpool.

Group II.—John Stanley Avery, University College, Bristol, and St. Bartholomew's Hospital; Alfred Ball, University College; Alec Barber, St. Bartholomew's Hospital; Ella Beales, London (Royal Free Hospital) School of Medicine for Women; Colin James Galbraith, King's College; Elliott Thornton Glenny, St. Bartholomew's Hospital; Robert Francis Hebbert, St. Thomas's Hospital; George Montague W. Hedges, University College; Frank Percival Hughes, Guy's Hospital; Edith Anne Jones, London (Royal Free Hospital) School of Medicine for Women; Henry Travers Jones, University College; Sidney Herbert James Kilroe, Victoria University; James Jenkins Paterson, B.Sc., and Henry Thomas Samuel, St. Bartholomew's Hospital and University College, Cardiff; William Octavius Sankey, St. Thomas's Hospital; James Ernest Sutcliffe Smith, Victoria University; Grace Maud Stagg, London (Royal Free Hospital) School of Medicine for Women; Alfred George Sworn, University College; Edith Eleanor Tucker, London (Royal Free Hospital) School of Medicine for Women; Stuart William Jackson Twigg, University College; Stanley Upton, St. Bartholomew's Hospital; Fred Newton Walsh, the University and Queen's Hospital, Birmingham; and Ruth Helen Western, London (Royal Free Hospital) School of Medicine for Women.

B.S. EXAMINATION.

Honours.—John Gay French, St. Mary's Hospital; Reginald Affleck Greeves, Guy's Hospital; and Harold Edward Ridewood, M.D. (University Medal), London Hospital.

Pass.—John James, King's College; Charles Ernest Wheatley Lyth, University of Sheffield; James Alexander Milne, London Hospital; Charles Michael Roberts, St. Thomas's Hospital; and Gerald Warren Russell, Guy's Hospital.

N.B.—This list, published for the convenience of candidates, is issued subject to its approval by the Senate.

CHARING CROSS HOSPITAL FESTIVAL DINNER.—The Hotel Cecil was the scene of the festival dinner of Charing Cross Hospital on May 23rd when Mr. Whitelaw Reid, the United States Ambassador, presided. The loyal toasts were followed by that of "Prosperity to the Hospital," proposed by the chairman who said that one of the striking features of London life was that all classes of the community were working with benevolent effort on behalf of hospitals. It had, however, been stated that not more than 1 in 10 among well-to-do householders contributed to these noble institutions. Surely one-tenth of the community ought not to support a burden that belonged equally as much to the other nine-tenths. Referring to the work of the hospitals, he said that during the year 2465 in-patients were treated at the institution, the number exceeding that of any previous year. Of the 20,552 out-patients treated at the hospital no fewer than 10,385 were cases of accident and emergency. Since the last festival dinner the projected alterations and improvements to meet the increasing demands upon the hospital had been completed with the exception of a small portion of the nurses' quarters which could not be entered upon until the present liabilities were cleared off. Until that time 44 beds in the north wing must remain closed. To provide funds to carry out the scheme of improvements the freehold of the hospital had been mortgaged for £85,000 and the additional sum of £15,000 was now due on account of building and furnishing. The cost of maintaining the hospital and the convalescent home was £20,000 a year and, in addition, £4875 were required to meet the annual interest on the mortgage and the sinking fund, making a [illegible] of £25,000. Of this sum £22,000 had to be raised [illegible] volent sources. Lord Kilmorey responded to the [illegible] the evening it was announced that the total [illegible] in connexion with the dinner was £4450, raising the emergency fund to a little more than £12,200.

KING'S COLLEGE HOSPITAL FESTIVAL DINNER.—On May 28th, at the Hotel Cecil, Lord Milner presided over the annual festival dinner of King's College Hospital and referring to the new buildings of the hospital which are being erected in the south of London, in aid of the funds of which an Elizabethan fair was recently held in Lincoln's Inn Hall and grounds, he said that this vast enterprise could only be brought to a complete and successful conclusion by the continued sympathy and generosity of the public. While the present hospital cost some £60,000, the new hospital was estimated to cost £300,000, and while the present building occupied about an acre the new institution would occupy 12 acres. The present hospital provided 244 beds; the new institution was intended to provide 600 beds. The assured income of the hospital from investment was about £4300, while its normal expenditure was £31,000. The difference had to be made up by subscriptions and donations and a large proportion of those subscriptions and donations were made in connexion with the annual dinner. Although he had no connexion with the hospital directly, he had been a student of King's College and it would be a satisfaction to him if he could be of any assistance to the hospital of which all old King's College men felt proud. The toast was responded to by Lord Methuen. During the evening subscriptions and donations amounting to £3382 were announced. Of this sum £1062 will be credited to the removal fund.

CENTRAL MIDWIVES BOARD.—A meeting of the Central Midwives Board was held on May 24th at 6, Suffolk-street, Pall Mall, Dr. F. H. Champneys being in the chair. A letter was read from the Privy Council inclosing a copy of a resolution passed by the board of the National Maternity Hospital, Dublin, in favour of examinations being held by the Central Midwives Board in Dublin. A letter from the Secretary of the Rotunda Hospital, Dublin, was also read to the same effect. A further letter from the Privy Council, dated May 23rd, was read inclosing copy of a memorandum given to the Lord President of the Council during a recent visit to Dublin. In the course of the discussion on this subject the Board was reminded that on April 10th, 1906, a resolution was passed that the Board was not prepared to hold examinations outside the area of the Act. The Board decided that the question should be referred to the standing committee for consideration and report and the secretary of the Board was instructed to reply to the clerk of the Privy Council stating that the Central Midwives Board would attend to the matter to the best of its power and let him know in due time. A communication from Dr. F. E. Fremantle, medical officer of health of Hertfordshire, raised the point whether a certified midwife who is acting under a qualified medical practitioner is bound to keep a register. The Board decided that a certified midwife when acting as a monthly nurse need not keep a register. The following words were subsequently added to this ruling: "In cases of doubt reference should be made to the medical practitioner in charge of the case." It was reported that the Board after June 24th, 1906, will move its offices to Caxton House, Westminster. The penal cases committee reported that it had considered a letter from Dr. J. Niven, medical officer of health of Manchester, reporting the finding by the local supervising authority of a *primâ-facie* case of negligence against Ada Fisher, a certified midwife, together with her defence and the report of the solicitor thereon. The Board adopted the recommendation of the committee that the midwife should be warned to be more careful in the future as to antiseptic washing before examination of patients. The penal cases committee also reported that it had considered a letter from the clerk of the London County Council, reporting Mary Cecilia Lillie, certified midwife, and Ada Mary Roodhouse, certified midwife, as guilty of persistent disobedience to Rule E 19 (*b*) and as having announced their intention of not complying with the rule, together with their defence to the charges. The Board adopted the recommendation of the committee that the two midwives concerned should be cautioned as to the necessity of strict compliance with the rules and warned that any future report for disobedience from the local supervising authority would probably entail serious consequences. Further, the local supervising authority was to be asked to report in three months' time.

THE COUNCIL FOR THE PROMOTION OF THE HIGHER TRAINING OF MIDWIVES.—The annual meeting of the subscribers to, and friends of this association will be held on Wednesday next, June 13th, at 3.15 P.M., at 32, St. James's-square (London House). H.R.H. Princess Christian will occupy the chair and Dr. C. J. Cullingworth, Miss Alice Gregory, and Mr. W. Crooks, M.P., are announced to speak.

HONOUR TO PROFESSOR TIZZONI.—The Medical Faculty of Bologna has just presented Professor Tizzoni with a gold medal on his completing his twenty-fifth year as teacher in the school. His students also presented him with an illuminated parchment setting forth his services in the treatment of tetanus and in the application of radium to hydrophobia in the human subject.

MEDICAL MAGISTRATE.—The name of Mr. F. H. Morison, M.D., C.M. Edin., D.P.H. R.C.S. Irel., has been added to the commission of the peace for the borough of West Hartlepool.

UNIVERSITY OF CAMBRIDGE.—The Rev. E. S. Roberts, master of Gonville and Caius College, has been elected Vice-Chancellor for the next academical year.—Mr. Leonard Moon, B.C., Trinity, has been elected to the John Lucas Walker Studentship in Pathology.—The Duke of Devonshire, Chancellor of the University, has contributed £500 to the fund now being raised for the University library.—Professor J. B. Bradbury, Professor W. Osler, Dr. S. West, and Dr. J. Rose Bradford have been appointed examiners in medicine; Dr. W. Rivers Pollock and Dr. H. R. Spencer, examiners in midwifery; and Mr. T. H. Kellock, Mr. H. G. Barling, Mr. Stanley Boyd, and Mr. L. A. Dunn, examiners in surgery for the Third M.B. Examination.

LITERARY INTELLIGENCE.—Messrs. J. and A. Churchill are about to publish "Preservatives in Food and Food Examination" by Dr. John C. Thresh, lecturer on public health at the London Hospital Medical College and medical officer of health of Essex, and Dr. Arthur E. Porter, assistant medical officer of health and chief sanitary inspector of the city of Leeds. In this work of 500 pages a critical examination is made of the various preservatives used in beverages and foods, while the question of unsound food is fully discussed. The authors maintain that "during recent years it has become notorious that serious and widespread epidemics of illness are attributable to the use of food which has become infected with organisms capable of producing disease." The text is elucidated by well executed plates.

ASYLUM WORKERS' ASSOCIATION.—This association, which has for ten years past been working to improve the status of those engaged in nursing the insane, held its annual meeting on June 1st at 11, Chandos-street, London, W. The large room of the Medical Society of London was well filled. The chair was occupied by Sir James Crichton-Browne in lieu of the President, Sir John Batty Tuke, M.P., who had been unexpectedly called away. The report having been presented by the honorary secretary, Dr. G. E. Shuttleworth, its adoption was moved by the chairman who said that it contained a record of excellent work in promoting the interests of the association, which he should like to see comprising a larger number than its present roll of 3227 of those engaged in the asylum service. Having referred to the successful efforts made for including mental nurses in any scheme of State registration and for obtaining pledges of support for asylum pensions from Parliamentary candidates, he said that for the small subscription required for membership was included a monthly copy of the *Asylum News* which was admirably conducted and sometimes contained original contributions of much value from asylum nurses and attendants. The adoption of the report was seconded by Dr. T. B. Hyslop, who spoke of the admirable qualities required and often found in the nursing service of asylums, and was supported by Mr. G. J. Cooper, M.P., and Mr. Will Crooks, M.P., both of whom gave from their experience as asylum managers in connexion with the London County Council instances of devotion and self-sacrifice on the part of asylum nurses and attendants which deserved the highest commendation. Indeed, Mr. Crooks said that he had seen evidence of Christian endurance and pluck in an asylum emergency which would worthily entitle to the Victoria Cross were it a deed of valour by a soldier. Two gold and two silver medals having been presented to two male and two female asylum nurses for long and meritorious service, the President, the executive committee, and the officers were re-elected and a cordial vote of thanks to the chairman terminated the proceedings.

MEDICAL GOLF TOURNAMENT.—The medical golf tournament for 1906 took place on May 31st on the course of the Incorporated West Herts Golf Club in Cassiobury Park, Watford. The competition was 18 holes match play *v.* Bogey under handicap, and the competitors, who numbered 104, were divided into two classes—those with handicaps of 12 and under and those with handicaps over 12. A first prize and a second prize were given in both classes and a prize for the best last nine holes *v.* Bogey. A foursome sweepstake was played in the afternoon. The course was in splendid condition and the comfort of the visitors was well looked after by the secretary of the West Herts Golf Club, Mr. Howard Williams. The day turned out fine and the beautiful park was seen to its best advantage, though the proximity of the trees to the fair-way of the course proved disastrous to some of the less experienced players. In Class I. the winner was Mr. A. W. Soper who with 6 strokes was 3 up on Bogey. Mr. G. C. Bell with 5 strokes was second with 2 up on Bogey. The prize given for the best last 9 holes was gained by Mr. Bruce Hamilton who was 3 up on Bogey. In Class II. the winner was Mr. J. A. West who with 18 strokes was 10 up on Bogey. The second place was awarded to Dr. J. H. Drysdale who with 14 strokes was 3 up on Bogey. The prize for the best last 9 holes was taken by Mr. G. W. Dawson who with 14 strokes was 3 up on Bogey. Mr. Dawson was also second in Class II. with 6 up on Bogey but elected to take the prize for the best last 9 holes. The foursome sweepstake was won by Dr. G. A. Sutherland and Mr. Bruce Hamilton who were 2 up on bogey. For the second place Dr. Percy Kidd and Mr. Rolf Creasy tied with Mr. H. A. Seagrove and Dr. J. Mechan, their score being all square with Bogey.

Parliamentary Intelligence.

HOUSE OF COMMONS.

WEDNESDAY, MAY 30TH.

Poor-law Matters in Ireland.

Captain CRAIG asked the Chief Secretary to the Lord Lieutenant of Ireland whether he would consider the advisability of adding to the Commission about to inquire into Poor-law matters in Ireland a member of the medical profession who was in thorough touch and sympathy with the Irish Poor-law medical profession, with a view to bringing before the Commission the grievances and disabilities under which the profession laboured at the present time.—Mr. BRYCE, in reply, said: My right honourable friend the Prime Minister has already stated that it is not intended to appoint to the Royal Commission on the Poor-law a member representative of the Irish medical profession. On this subject I may refer to the reply which I gave to the question of the honourable Member for North Fermanagh on April 30th.

Sleeping Sickness.

Sir CLEMENT HILL asked the Under Secretary of State for the Colonies whether he would lay on the table papers and maps showing the results up to the present time of the investigations which had been made under the auspices or with the assistance of His Majesty's Government into the sleeping sickness in the Uganda Protectorate; and whether he would state what administrative steps were being taken to prevent the spread of the disease.—Mr. CHURCHILL in his reply said: A series of reports by the Sleeping Sickness Commission working under the direction of the Royal Society and subsidised by the Government has been issued, partly by the Royal Society and partly by the Stationery Office. No administrative measures of any importance have yet been taken to check the spread of the disease because no practical solution has yet presented itself. The subject is receiving the most earnest attention.

Appointments.

Successful applicants for Vacancies, Secretaries of Public Institutions, and others possessing information suitable for this column, are invited to forward to THE LANCET *Office, directed to the Sub-Editor, not later than 9 o'clock on the Thursday morning of each week, such information for gratuitous publication.*

ASHTON, GEORGE, M.D. Manch., M.R.C.S., L.R.C.P. Lond., has been re-appointed Medical Officer for Home Patients to the Manchester Royal Infirmary.

BULLEY, F. M., M.R.C.S., L.R.C.P. Lond., has been appointed Resident House Physician at St. Thomas's Hospital.

CASSIDY, M. A., M.B., B.C. Cantab., has been appointed Resident House Physician at St. Thomas's Hospital.

CUNNINGHAM, N. R., M.R.C.S., L.R.C.P. Lond., has been appointed House Physician to Out-Patients at St. Thomas's Hospital.

DELMEGE, LOUIS EDWARD, L.R.C.P. Edin., L.R.C.S. Irel., has been appointed Medical Officer of Health for the Shire of Huntley, Victoria, Australia.

DICKSON, A. N., M.R.C.S., L.R.C.P. Lond., has been appointed House Physician to Out-Patients at St. Thomas's Hospital.

DREW, J. H., M.B., B.S. Lond., has been appointed Resident House Surgeon at St. Thomas's Hospital.

EDWARDS, FRANK PAYNE, M.B. Cantab., has been appointed Medical Officer of Health for the Shire of Dimboola, Victoria, Australia.

FALK, H., M.B., B.C. Cantab., has been appointed Resident House Surgeon at St. Thomas's Hospital.

GRAY, H. T., B.A., B.C. Cantab., has been appointed Resident House Surgeon at St. Thomas's Hospital.

HOBSON, H. OVERTON, M.D. Edin., has been appointed Examiner in Medicine at the Cairo Medical School.

HOOKER, A. W., M.B., B.S. Lond., has been appointed Resident House Surgeon at St. Thomas's Hospital.

JEWESBURY, R. C., M.B., B.Ch. Oxon., has been appointed Resident House Physician at St. Thomas's Hospital.

LANDER, CHARLES LLEWELLYN, M.B., B.S., B.Sc. Lond., has been appointed Assistant Surgeon to the Royal Albert Hospital, Devonport.

LA TOUCHE, EDMUND DIGGES, L.R.C.S. Irel., has been appointed Medical Officer of Health for the Shire of Howqua, Victoria, Australia.

MAY, W. PAGE, M.D. Lond., F.R.C.P. Lond., has been appointed Lecturer on the Physiology of the Nervous System at University College, London.

MCDONALD, J., M.B., M.S. Glasg., has been appointed Certifying Surgeon under the Factory and Workshop Act for the Barking District of the county of Essex.

MCENIRY, JAMES JOSEPH, L.R.C.P. & S. Edin., L.F.P.S. Glasg., has been appointed Medical Officer of Health for the Shire of Kerang, Victoria, Australia.

MCLEAN, JOHN SAMUEL, L.R.C.P. & S. Edin., L.F.P.S. Glasg., has been appointed Medical Officer of Health for the Shire of Morwell, Victoria, Australia.

NAYLOR, RUPERT GEORGE, L.R.C.P. Edin., F.R.C.S. Edin., has been appointed Medical Officer of Health for the Shires of Bulla and Melton, Victoria, Australia.

NORBURY, L. E. C., M.B., B.S. Lond., has been appointed Junior Casualty Officer at St. Thomas's Hospital.

PARSONS, J. H., M.B., B.S. Lond., F.R.C.S. Eng., has been re-appointed Lecturer in Physiological Optics at University College, London.

PORTER, A. E., M.D., D.P.H. Camb., has been appointed Medical Officer of Health of the Borough and Rural District of Reigate.

SANKEY, W. O., M.R.C.S., L.R.C.P. Lond., has been appointed House Physician to Out-patients at St. Thomas's Hospital.

SCOTT, ERIC NORMAN, L.R.C.P. & S. Edin., L.F.P.S. Glasg., has been appointed Medical Officer of Health for Arawata, Korumburra, and Jumbunna Ridings, Victoria, Australia.

SINGTON, H. S., M.R.C.S., L.R.C.P. Lond., has been appointed Resident House Physician at St. Thomas's Hospital.

SQUIRES, H. C., M.B., B.Ch. Oxon., has been appointed House Physician to Out-patients at St. Thomas's Hospital.

WRIGHT, F. R. E., M.B. Lond., has been appointed Senior Casualty Officer at St. Thomas's Hospital.

Vacancies.

For further information regarding each vacancy reference should be made to the advertisement (see Index).

BLACKBURN AND EAST LANCASHIRE INFIRMARY.—Junior House Surgeon. Salary £70 per annum, with board, washing, &c.

BOLTON INFIRMARY AND DISPENSARY.—Junior House Surgeon. Salary £100 per annum, with apartments, board, and attendance.

BRECKNOCK COUNTY AND BOROUGH INFIRMARY.—Resident House Surgeon, unmarried. Salary £100 per annum, with apartments, board, attendance, fire, and gas.

BRIGHTON THROAT AND EAR HOSPITAL, Church-street, Queen's-road.—Non-resident House Surgeon for six months, renewable. Salary at rate of £75 per annum.

BROMSGROVE, WORCESTERSHIRE, BARNSLEY HALL ASYLUM.—Medical Superintendent. Salary £600 per annum and unfurnished house, with fuel, light, washing, and garden produce.

DEVONPORT, ROYAL ALBERT HOSPITAL.—Assistant Resident Medical Officer, unmarried, for six months. Salary at rate of £50 a year, with board and lodgings.

EGYPTIAN GOVERNMENT, MINISTRY OF EDUCATION.—Professor of Midwifery and Gynæcology. Salary £400 a year. Also Medical Tutor and Registrar to Kasr-el-Ainy Hospital. Salary £400 a year.

EVELINA HOSPITAL FOR SICK CHILDREN, Southwark, S.E.—Assistant House Surgeon. Salary £70, with board, residence, and washing. Also Radiographer. Salary £50 per annum. Also Clinical Assistants.

GORDON HOSPITAL FOR FISTULA, &c., Vauxhall Bridge-road, S.W.—Honorary Anæsthetist.

GRIMSBY AND DISTRICT HOSPITAL.—Resident House Surgeon. Salary £100 per annum, with board, lodging, and washing.

HANTS COUNTY ASYLUM.—Third Assistant Medical Officer, unmarried. Salary £150 per annum, with apartments, board, washing, and attendance.

HOSPITAL FOR DISEASES OF THE THROAT, Golden-square, W.—Honorary Assistant Surgeon.

INDIAN MEDICAL SERVICE.—Examination for not less than Twenty Commissions.

ITALIAN HOSPITAL, Queen-square, London, W.C.—House Surgeon for six months, renewable. Salary £60 per annum, with board and residence.

LEEDS, CITY OF, SANITARY COMMITTEE.—Assistant Medical Officer of Health and Chief Inspector of Nuisances. Salary £300 per annum.

LIVERPOOL HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST.—Pathologist and Assistant to the Medical Staff. Salary £150 per annum.

LIVERPOOL STANLEY HOSPITAL.—Assistant Honorary Ophthalmic Surgeon.

LIVERPOOL WORKHOUSE AND HOSPITAL, Rice-lane, Walton.—Assistant Resident Medical Officer, unmarried. Salary £125 per annum, with board.

LONDON HOSPITAL, Whitechapel, E.—Medical Registrarship.

MIDDLESBROUGH, COUNTY BOROUGH ASYLUM.—Locum Tenens Assistant Medical Officer for about seven weeks. Terms four guineas per week, with board, lodging, and washing.

MIDDLESBROUGH, NORTH RIDING INFIRMARY.—Assistant House Surgeon, unmarried. Salary £75 per annum, with residence, board, and washing.

NEW HOSPITAL FOR WOMEN, Euston-road, London.—Ophthalmic Surgeon (female).

NORFOLK AND NORWICH HOSPITAL.—Second Assistant House Surgeon for six months. Honorarium £20, with board, residence, and laundry.

NORTHAMPTON GENERAL HOSPITAL.—Assistant House Surgeon. Salary £50 a year, with apartments, board, washing, and attendance.

NORTH-EASTERN HOSPITAL FOR CHILDREN, Hackney-road, Bethnal Green, E.—Resident Medical Officer. Salary £100 per annum, with board, residence, and washing. Also Pathologist and Bacteriologist. Salary £75 per annum, with lunch. Also House Surgeon for six months. Salary at rate of £60 per annum, with board, residence, and laundry. Also House Physician for six months. Salary at rate of £60 per annum, with board, residence, and laundry.

ROYAL FREE HOSPITAL, Gray's Inn-road, W.C.—Anæsthetist.

ROYAL LONDON OPHTHALMIC HOSPITAL, City-road, E.C.—Refraction Assistant. Salary £25 a year, with lunch.

SAINT LEONARD, SHOREDITCH, INFIRMARY AND WORKHOUSE.—Resident Assistant Medical Officer. Salary £150 per annum, with rations, apartments, and washing.

SALFORD ROYAL HOSPITAL.—Junior House Surgeon for six months. Salary at rate of £80 per annum, with board and residence.

SHEFFIELD UNION HOSPITAL.—Resident Medical Officer. Salary £100 per annum, with apartments, rations, &c.

STIRLING DISTRICT ASYLUM, Larbert, N.B.—Assistant Medical Officer (female). Salary £100, with board, lodging, and laundry.

STOCKPORT INFIRMARY.—Junior Assistant House Surgeon for six months. Salary at rate of £40 per annum, with board, washing, and residence.

STROUD GENERAL HOSPITAL.—House Surgeon. Salary £80 per annum, with board, lodging, and washing.

WEST-END HOSPITAL FOR DISEASES OF THE NERVOUS SYSTEM, 73, Welbeck-street, W.—Resident House Physician and Medical Registrar for six months, renewable. Salary at rate of 50 guineas per annum, with board, washing, and attendance.

WEST LONDON HOSPITAL, Hammersmith-road, W.—House Physician for six months. Board, lodging, and laundry provided.

WOKINGHAM, BERKS, LONDON OPEN-AIR SANATORIUM.—Assistant Medical Officer. Salary £100 per annum and all found.

WOLVERHAMPTON AND MIDLAND COUNTIES EYE INFIRMARY.—House Surgeon. Salary £70 per annum, with rooms, board, and washing.

WREXHAM, BOROUGH OF.—Medical Officer of Health. Salary £80 per annum.

Births, Marriages, and Deaths.

BIRTHS.

BATEMAN.—On June 1st, at Heath End, Blackheath, S.E., the wife of F. J. Harvey Bateman, M.A., M.D., of a son.

CAMPBELL.—On May 29th, at North-street, Elgin, the wife of Donald G. Campbell, M.B., of twin sons (one stillborn).

HUBERT.—On June 1st, at Rosehill, Billingshurst, Sussex, the wife of W. A. Hubert, M.R.C.S., L.R.C.P. Lond., of a son.

MARRIAGES.

FLEMMING—BARRETT.—On 5th June, at St. Andrew's Church, Holborn, by the Rev. Knight McDowell, Arthur L. Flemming, M.R.C.S., L.R.C.P., of 34, Alma-road, Clifton, Bristol, son of the late Thomas Henry Flemming, M.D., of Freshford, Bath, to Violet Helen, second daughter of the late John Barrett, Esq., of Dunham Massey, Cheshire.

MASTER—PERRING.—On May 11th, at the British Consulate, Canea, Crete, Major A. E. Master, R.A.M.C., to Ethel Lucy, fourth daughter of the late Henry Scobell Perring, of Northam, N. Devon.

NOEL—SWEETING.—On June 6th, at St. Margaret's, Westminster, by the Rev. Linton Thorp, vicar of Kennington, Kent, assisted by the Rev. Canon Hensley Henson, rector of the parish, and the Rev. A. J. Carlyle, chaplain of University College, Oxford, Marjorie, elder daughter of Dr. R. Deane Sweeting, of 34, Carlisle Mansions, S.W., to Evan Baillie, only son of Eugene F. Noel, of 15, Cravenhill-gardens, Hyde Park, W.

DEATHS.

HICKS.—On the 30th May, in London, George Augustus Hicks, M.R.C.S., L.R.C.P., of Bournemouth East, son of the late Thomas Hicks, Esq., of Upton-grove, Torquay, in his 70th year.

LYLE.—On June 2nd, at Eversley, Elmfield-road, Bromley, Kent, Elizabeth Ada, the dearly loved wife of H. Willoughby Lyle, M.D., B.S. Lond., F.R.C.S. Eng., of Bromley, Kent, and 29, Charles-street, Berkeley-square, W.

N.B.—A fee of 5s. is charged for the insertion of Notices of Births, Marriages, and Deaths.

Notes, Short Comments, and Answers to Correspondents.

THE BRITISH ELECTRIC INSTITUTE.

A MEDICAL man has forwarded to us certain literature emanating from the British Electric Institute which has its headquarters at 25, Holborn-viaduct, London, E.C. The literature consists of a pamphlet entitled "A Sound Mind in a Sound Body" and ten folios of typewritten matter which was sent to a patient of our correspondent. The pamphlet, which is obviously written to puff the apparatus which is sold by the British Electric Institute and which is called the "Ajax Dry Cell Battery," is a very cunningly drawn document. It is an admirable instance of Tennyson's dictum that a lie which is half the truth is ever the basest of lies. It quotes various passages from standard books on the medical use of electricity and then goes on to say that the Ajax dry cell is the most convenient way of applying electricity. For instance, under the heading "Paralysis" the pamphlet quotes the name of Dr. Erb as holding that benefit may occasionally be obtained in cases of paralysis from the use of a continuous galvanic current. It then goes on to say: "We can heartily recommend Ajax dry cell as being the most favourable and effective means known for the treatment of this complaint and our successful experience in many even aggravated cases justifies that confidence." On p. 7 the pamphlet states that the medical chapters herein have been compiled by a fully qualified English doctor and "We are also prepared to prove that we can do what we say we can do and submit our system to medical men or laymen. We court inquiry and welcome investigation." On p. 15 we find the following: "We invite the most thorough examination and criticism of the profession." Having read these pressing invitations we paid a visit to the British Electric Institute which or whom we found housed in three somewhat grubby rooms on the second floor of 25, Holborn-viaduct. Having been strictly interrogated as to whether we had been previously in correspondence with the institute we were shown into a small room upon a table in which lay a belt and a volt-meter registering up to about nine volts. The active part of the belt consisted of six small dry cells connected in series to two sets of metallic discs and a current collector very indifferently finished in the common form of a semicircle of studs furnished with a metal radius. The gentleman who was deputed to show us the apparatus was exceedingly polite and having connected the naked metal ends of the leads of the volt-meter with the naked metal discs of the belt (we should add that a washleather cover is supplied for use when the belt is worn) the volt meter showed a reading of between eight and nine volts. We then asked him how much current the battery would give and he said that we could see for ourselves that it was about nine volts. When we pointed out that voltage does not mean amount he frankly said that he knew nothing about that, that nobody had ever asked him about the amount of current before, but he said, "I will fetch the manager." When the manager arrived he proved to be even more ignorant than the assistant. Like him, when we inquired how much current was passing he said he had never been asked the question before. We then pointed out that on p. 2 of another pamphlet issued by the institute, called "Electrical Expert Opinion on Ajax Dry Cell," it was stated that Ajax dry cell "not only gives a current of great volume but produces it without any preparation." We then asked him what volume of current the battery before us gave, when he said: "You can see the *volume* of voltage is nine volts." On our pointing out that there was no such thing as a volume of voltage he told us to look at the electrical opinions in the pamphlet to which we have referred. We did so and there found that the six-celled battery with a total voltage of 8·4 volts was said to give, with all the cells in circuit, 0·84 of a milliampère through 10,000 ohms resistance. We then inquired if the six cells were made of the usual constituents of dry cells, whereupon he said that they were just the same except that they were put up in flattened cases instead of cylindrical. We then pointed out that the retail price of such cells was about 1*s.* 2*d.* each, with which statement the manager agreed. When we said that the cells and belt together must have cost under 10*s.* and that it was sold for 15 guineas he allowed that the sum of 15 guineas was a great deal more than the intrinsic value of the belt but he said "our expenses are enormous in pushing our business." When we hinted that to make £15 5*s.* profit on an expense of 10*s.* must be an eminently lucrative business we are sorry to say that the manager lost his temper and asked us if we had come to buy a belt or merely to get information. When we said that we had come to get information, and, moreover, that we had got it, he wished us good-day and slammed the door behind us with unnecessary violence. Now, there is no law to prevent anybody manufacturing a thing at the cost of under 10*s.* and selling it for 15 guineas if he can find anybody foolish enough to buy, but there is a law against obtaining money under false pretences and the pamphlet from which we have quoted, in our opinion, would come under this law. The total voltage of the six cells which we saw running through the volt-meter was about 8·5 volts. The average resistance of the human body, excluding mucous surfaces, even in the most favourable circumstances, is 5000 ohms. These two factors, therefore, give a current of 1·4 milliampères, a current which we do not hesitate to say would be useless, applied by means of a belt, in any form of catarrh, ague, or epilepsy, all of which diseases the British Electric Institute professes to cure. As for paralyses, currents of 1·5 milliampères are sometimes useful in facial paralysis if applied over the course of the nerve with a labile electrode. But as applied through a probably imperfect contact by means of a belt fastened round the waist such a current would, it may be said, be useless in any form of paralysis. For all this a current of one and a half milliampères continuously applied for many hours would be quite enough to cause blistering and, as a matter of fact, the manager allowed that a certain number of his clients had complained of blistering. As the institute has asked for the criticism of the profession we say plainly that the whole pamphlet, "A Sound Mind in a Sound Body," is written to mislead; that the belt, although the cells are active, does not give a current of any practical medical use except in so far as it is a very roundabout way of blistering; that the collecting apparatus, which the assistant informed us was a trade secret, is one of the very commonest forms of current collector and is extremely carelessly made; and that the whole apparatus is worth at the most liberal estimate 10*s.*

THE NEW NAVY TOBACCO.

To the Editors of THE LANCET.

SIRS,—In THE LANCET of June 2nd, p. 1560, in referring to the above (and the Analytical Report in your issue of Nov. 4th, 1905, p. 1338) the following occurs: "The firm whose name was mentioned in the Analytical Report are only wholesale agents." If you refer to the report the only name mentioned is my own. I do not and never have dealt in manufactured tobacco. Being of public importance, with the knowledge of the Admiralty, I submitted it to you. As my position as expert precludes my trading you will at once see the necessity of removing this impression. As far as Messrs. Cohen, Weenen, and Co are concerned you will see by enclosed they are acting by consent only. Kindly correct this in next issue and oblige,

Yours faithfully,

West Worthing, June 4th, 1906. F. VICTOR CHALMERS.

*** "The enclosed" were two letters from the Director of Victualling in the Admiralty, the one addressed to Mr. Chalmers, the other to Messrs. Cohen, Weenen, and Co. We gave Mr. Chalmers's name in our Analytical Report of the tobacco, for we make it a rule in our Analytical Reports always to give the name of the person or firm sending in substances for analytical notice.—ED. L.

"FACTS."

WE publish the following letter, for apparently it is the writer's wish that the story should be made public, but in kindness to her we omit her name and address. Allowance must, of course, be made for anxiety produced by affection, but the extraordinary ignorance and intolerance exhibited are a little droll when it is remembered that the writer claims to be the daughter of a physician and the wife of a surgeon. Our correspondent having invited an opinion upon her "facts," ought to know that in everything which he did the medical man was right and that on her own showing she has been ignorant and rude.

To the Editors of THE LANCET.

I am an M.Ds. daughter and my husband was a surgun, so I know how Dr. ought to ackt.

Now what do you think of the following facts.

Last sunday week we had a very bad case, which we where sure was diptheres so we send for Dr. call ——, who looked at it and said he was sorry we had used so much Condys. as he was afraid the germs would be killed. He swabbed his throat out with lint, put it in a box, sat down and wrote a paper out. he said nothing in fact ask nothing and went away. Some hours later he send a very astringuent medicine which ought to have been a gargle, and the boys inside gave congestion and fever, so only 2 doses where taken, and the throat grew much worse; after 26 hours the Dr. came again to say that the hospital pronounced it to be dipheria, we hope he took time enough to tell us what we alredy know. We told the delay was disgraceful, and might cost the boy his life, we did not want his visit again. We got an other Dr. who called it an acute case, so bad that he thinks paralysis may come on and might be an invalit for Life.

Please censure this fool of a man, tell him he has got a lot to learn if he canot diagnose a throat.

He lives in ——. Believe me yours faithfuly

——.

PAROGEN: A NEW BASIS FOR LINIMENTS.

A COMBINATION of liquid paraffin and ammonium oleate is widely used on the continent as a general basis for the preparation of liniments under the names parogen, vaso-liniment, and oxygenated paraffin. In the *Pharmaceutical Journal* of May 19th useful formulæ are given for the preparation of parogen and various compound liniments having parogen as a basis. In the following summary the parts are expressed in percentages, solids by weight, and liquids by measure. Parogen forms a clear solution, consisting of liquid paraffin, 40; oleic acid, 40; and ammoniated alcohol, 20. A more viscous form, known as thick parogen, is prepared by varying the proportions of the ingredients named and adding hard paraffin. Parogen mixes readily with a great number of substances which are used for external application. Thus, iodoform

parogen consists of 1·5 per cent. of iodoform dissolved in parogen. The percentages of other substances, which may be combined in this way may be quoted: creasote, 5; oil of cade, 25; eucalyptol, 20; guaiacol, 20; ichthammonium, 10; menthol, 2; naphthol, 10; tar, 25; and salicylic acid, 10. The odour of iodoform parogen may be masked by replacing 1·5 per cent. of parogen by eucalyptol. Camphorated chloroform parogen contains camphor, 37·5; and chloroform, 2·5. Mercury parogen is prepared by triturating 40 parts of mercury with 20 parts of wool-fat until metallic globules are no longer visible and adding 60 parts of thick parogen. In preparing iodine parogen 10 parts of iodine in powder are dissolved in 40 parts of oleic acid, to which are added liquid paraffin 40 parts and ammoniated alcohol 10 parts. This liniment may be diluted, e.g., by mixing 60 parts with 40 parts of parogen. Sulphur parogen is made by dissolving three parts of sulphur in 37 parts of linseed oil and diluting to 100 parts with parogen. Compound sulphur parogen contains sulphur parogen, 10; oil of cade, 10; thymol, 0·3; eucalyptol, 3·0; oil of turpentine, 30; diluted to 100 with parogen. These products have been found useful in dermatological practice owing to their penetrating power being greater than that of soft and liquid paraffins; this is due to the presence of ammonium oleate. Moreover, the wide range of substances which are capable of solution in parogen renders it particularly useful as a basis for liniments. In addition to the substances named potassium iodide and some other salts can be combined with parogen. It has also been used as a basis for injections in the treatment of abscesses.

THE A. R. JONES FUND.

To the Editors of THE LANCET.

SIRS,—Will you allow me to acknowledge in THE LANCET the receipt of the following additional subscriptions to the above fund?

I am, Sirs, yours faithfully,

45, Queen Anne-street, W., June 5th, 1906. C. WYNN WIRGMAN.

	£	s.	d.		£	s.	d.
Dr. H. Radcliffe Crocker	3	3	0	Dr. H. Lambert Lack ...	1	1	0
Dr. T. L. Llewellyn	2	2	0	Dr. A. M. H. Gray	1	1	0
Anonymous	2	2	0	Mr C. H. W. Parkinson*	1	1	0
Captain J. W. P. Ralt, I.M.S.	1	1	0	Dr. Arthur H. Evans ...	1	1	0
Dr. H. J. Scharlieb, C.M.G.	1	1	0	Mr. N. R. Phillips	0	10	6
Dr. S. A. Owen	1	1	0	Mr. S. F. Forsdike	0	10	6
				Dr. D. M. Hughes	0	10	6

* From the Dorset and West Hants branch of the British Medical Association.

A WELL-WON MEDAL.

A LANCASHIRE correspondent writes:—"Some may possibly remember the brave deed of a baker's carter named Stockton at Warrington on March 6th, 1905. While cleaning a sewer a workman was overcome by foul gas and became unconscious. Two of his mates went to his help and were also struck down by the gas. Stockton, who was passing, volunteered to try to save them and descended the manhole. At first he was driven back but tried again and brought up one man alive. Then he went down again a third and fourth time and brought up the other two, but one was dead. He was awarded the Stanhope medal, the highest and most prized award for life saving and commemorating what was considered to be the bravest deed of the year. It has never come to Lancashire since its institution in 1873 and Lancashire is therefore proud that the county possesses so brave a man."

WANTED—HOME FOR AN EPILEPTIC.

To the Editors of THE LANCET.

SIRS,—Could any of your readers kindly inform me whether there is any likelihood of employment being obtained by a parlourmaid subject to epileptic fits in some kind of epileptic home or farm colony? The girl can give good references but is now in danger of not being engaged by any lady considering the fact of the epileptic history. Her relatives are unable to maintain her.

I am, Sirs, yours faithfully,

May 18th, 1906. "BEXHILL."

LYXHAYR—A SANITARY BED STUFFING.

Messrs. Lyxhayr, Limited, of Grove Mills, Mitcham, Surrey, have sent us a specimen of "lyxhayr," which is a material designed to supersede ordinary bed stuffing. It is purely a vegetable fibre prepared in a special way, so that it is very suitable for the purpose. It is a "springy" material, black in colour, and absolutely without odour. During its preparation from the raw fibre "lyxhayr" is sterilised. It is used extensively, it is stated, in hot climates with very satisfactory results, which we can well believe in view of a few crucial experiments which we made with it. "Lyxhayr," we should say, provides a very cleanly and healthy material for stuffing mattresses and the like. The proprietors state that they could mention more filthy cases than that described in an annotation under the heading of "Loathsome Bed Stuffing" published in THE LANCET of March 10th, p. 690.

THE PSYCHO-PHYSIOLOGY OF MOTORING.

A MEDICAL man, above the pseudonym "Motor-Therapeutist," desires to know of any references or experiences throwing light on the psycho-physiological effects of motoring in health and disease.

COMMUNICATIONS not noticed in our present issue will receive attention in our next.

Medical Diary for the ensuing Week.

OPERATIONS.

METROPOLITAN HOSPITALS.

MONDAY (11th).—London (2 P.M.), St. Bartholomew's (1.30 P.M.), St. Thomas's (3.30 P.M.), St. George's (2 P.M.), St. Mary's (2.30 P.M.), Middlesex (1.30 P.M.), Westminster (2 P.M.), Chelsea (2 P.M.), Samaritan (Gynæcological, by Physicians, 2 P.M.), Soho-square (2 P.M.), City Orthopædic (4 P.M.), Gt. Northern Central (2.30 P.M.), West London (2.30 P.M.), London Throat (9.30 A.M.), Royal Free (2 P.M.), Guy's (1.30 P.M.), Royal Ear (2 P.M.), Children, Gt. Ormond-street (3 P.M.).

TUESDAY (12th).—London (2 P.M.), St. Bartholomew's (1.30 P.M.), St. Thomas's (3.30 P.M.), Guy's (1.30 P.M.), Middlesex (1.30 P.M.), Westminster (2 P.M.), West London (2.30 P.M.), University College (2 P.M.), St. George's (1 P.M.), St. Mary's (1 P.M.), St. Mark's (2.30 P.M.), Cancer (2 P.M.), Metropolitan (2.30 P.M.), London Throat (9.30 A.M.), Samaritan (9.30 A.M. and 2.30 P.M.), Throat, Golden-square (9.30 A.M.), Soho-square (2 P.M.), Chelsea (2 P.M.), Central London Throat and Ear (2 P.M.), Children, Gt. Ormond-street (2 P.M., Ophthalmic, 2.15 P.M.).

WEDNESDAY (13th).—St. Bartholomew's (1.30 P.M.), University College (2 P.M.), Royal Free (2 P.M.), Middlesex (1.30 P.M.), Charing Cross (3 P.M.), St. Thomas's (2 P.M.), London (2 P.M.), King's College (2 P.M.), St. George's (Ophthalmic, 1 P.M.), St. Mary's (2 P.M.), National Orthopædic (10 A.M.), St. Peter's (2 P.M.), Samaritan (9.30 A.M. and 2.30 P.M.), Gt. Northern Central (2.30 P.M.), Westminster (2 P.M.), Metropolitan (2.30 P.M.), London Throat (9.30 A.M.), Cancer (2 P.M.), Throat, Golden-square (9.30 A.M.), Guy's (1.30 P.M.), Royal Ear (2 P.M.), Royal Orthopædic (3 P.M.), Children, Gt. Ormond-street (9.30 A.M., Dental, 2 P.M.).

THURSDAY (14th).—St. Bartholomew's (1.30 P.M.), St. Thomas's (3.30 P.M.), University College (2 P.M.), Charing Cross (3 P.M.), St. George's (1 P.M.), London (2 P.M.), King's College (2 P.M.), Middlesex (1.30 P.M.), St. Mary's (2.30 P.M.), Soho-square (2 P.M.), North-West London (2 P.M.), Gt. Northern Central (Gynæcological, 2.30 P.M.), Metropolitan (2.30 P.M.), London Throat (9.30 A.M.), Samaritan (9.30 A.M. and 2.30 P.M.), Throat, Golden-square (9.30 A.M.), Guy's (1.30 P.M.), Royal Orthopædic (9 A.M.), Royal Ear (2 P.M.), Children, Gt. Ormond-street (2.30 P.M.).

FRIDAY (15th).—London (2 P.M.), St. Bartholomew's (1.30 P.M.), St. Thomas's (3.30 P.M.), Guy's (1.30 P.M.), Middlesex (1.30 P.M.), Charing Cross (3 P.M.), St. George's (1 P.M.), King's College (2 P.M.), St. Mary's (2 P.M.), Ophthalmic (10 A.M.), Cancer (2 P.M.), Chelsea (2 P.M.), Gt. Northern Central (2.30 P.M.), West London (2.30 P.M.), London Throat (9.30 A.M.), Samaritan (9.30 A.M. and 2.30 P.M.), Throat, Golden-square (9.30 A.M.), City Orthopædic (2.30 P.M.), Soho-square (2 P.M.), Central London Throat and Ear (2 P.M.), Children, Gt. Ormond-street (9 A.M., Aural, 2 P.M.), St. Mark's (2.30 P.M.).

SATURDAY (16th).—Royal Free (9 A.M.), London (2 P.M.), Middlesex (1.30 P.M.), St. Thomas's (2 P.M.), University College (9.15 A.M.), Charing Cross (2 P.M.), St. George's (1 P.M.), St. Mary's (10 P.M.), Throat, Golden-square (9.30 A.M.), Guy's (1.30 P.M.), Children, Gt. Ormond-street (9.30 A.M.).

At the Royal Eye Hospital (2 P.M.), the Royal London Ophthalmic (10 A.M.), the Royal Westminster Ophthalmic (1.30 P.M.), and the Central London Ophthalmic Hospitals operations are performed daily.

SOCIETIES.

TUESDAY (12th).—ROYAL MEDICAL AND CHIRURGICAL SOCIETY (20, Hanover-square, W.).—8.30 P.M. Paper:—Dr. H. French and Dr. H. T. Hicks: Mitral Stenosis and Pregnancy.

WEDNESDAY (13th).—DERMATOLOGICAL SOCIETY OF LONDON (11, Chandos-street, Cavendish-square, W.).—5.15 P.M. Meeting.

THURSDAY (14th).—BRITISH GYNÆCOLOGICAL SOCIETY (20, Hanover-square, W.).—8 P.M. Specimens will be shown by Dr. Macnaughton-Jones. Paper:—Dr. R. Lyle: A Series of 50 Consecutive Abdominal Sections.

LECTURES, ADDRESSES, DEMONSTRATIONS, &c.

MONDAY (11th).—MEDICAL GRADUATES' COLLEGE AND POLYCLINIC (22, Chenies-street, W.C.).—4 P.M. Dr. G. Fernet: Clinique (Skin). 5.15 P.M. Lecture:—Dr. D. Grant: Disorders of Hearing due to Residua of Suppurative Inflammation of the Middle Ear.

POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. 11. A.M. Minor Operations. 12 noon. Dr. Low: Pathological Demonstration. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations. 3 P.M. Mr. Paget: Demonstration in Surgical Wards. 5 P.M. Dr. Davis: Renal Disease.

LONDON SCHOOL OF CLINICAL MEDICINE (Dreadnought Hospital, Greenwich).—2.30 P.M. Operations. Sir D. Duckworth: Medicine. 3.15 P.M. Mr. W. Turner: Surgery. 4 P.M. Dr. St Clair Thomson: Throat and Ear. Out-patient Demonstrations:—10 A.M. Surgical and Medical. 12 noon. Ear and Throat.

CHARING CROSS HOSPITAL.—4 P.M. Dr. MacLeod: Demonstration (Dermatological). (Post-Graduate Course.)

TUESDAY (12th).—MEDICAL GRADUATES' COLLEGE AND POLYCLINIC (22, Chenies-street, W.C.).—4 P.M. Dr. J. W. Carr: Clinique (Medical.) 5.15 P.M. Lecture:—Mr. R. Johnson: The Diseases of the Breast which may Resemble Carcinoma.

POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. 10.30 A.M. Dr. Moullin: Gynæcology. 11 A.M. Minor Operations. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations. Skin. Throat, Nose, and Ear. 5 P.M. Dr. Taylor: Treatment of Enteric Fever.

LONDON SCHOOL OF CLINICAL MEDICINE (Dreadnought Hospital, Greenwich).—2.30 P.M. Operations. Dr. R. T. Hewlett: Medicine. 3.15 P.M. Mr. Carless: Surgery. 4 P.M. Mr. M. Morris: Diseases of the Skin. Out-patient Demonstrations:—10 A.M. Surgical and Medical. 12 noon. Skin.

NATIONAL HOSPITAL FOR THE PARALYSED AND EPILEPTIC (Queen-square, Bloomsbury, W.C.).—3.30 P.M. Clinical Lecture:—Dr. Buzzard: Ilio-Psoas Type of Myopathy.

NORTH-EAST LONDON POST GRADUATE COLLEGE (Tottenham Hospital, N.).—4.30 P.M. Lecture:—Mr. H. W. Carson: Tuberculous Laryngitis.

ROYAL INSTITUTE OF PUBLIC HEALTH (37, Russell-square, W.C.).—5 P.M. Dr. C. E. Harris: The Manufacture and Sophistication of Potable Spirits. (Lecture I.)

WEDNESDAY (13th).—MEDICAL GRADUATES' COLLEGE AND POLYCLINIC (22, Chenies-street, W.C.).—4 P.M. Mr. L. Cheatle: Clinique. (Surgical). 5.15 P.M. Lecture:—Mr. J. Poland: The Use of Mechanical Appliances in Surgical Treatment.

POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. Diseases of Children. 11 A.M. Minor Operations. 12 noon. Dr. Russell: Medicine. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations. Diseases of Women. 3 P.M. Mr. Bidwell: Intestinal Anastomoses. 4.15 P.M. Dr. Beddard: Medical Cases. 5 P.M. Dr. Cole: Melancholia and its Treatment.

LONDON SCHOOL OF CLINICAL MEDICINE (Dreadnought Hospital, Greenwich).—2.30 P.M. Operations. Dr. F. Taylor: Medicine. 3.15 P.M. Mr. M. Robson: Surgery. 4 P.M. Mr. Cargill: Ophthalmology. Out-patient Demonstrations:—10 A.M. Surgical and Medical. 11 A.M. Eye.

CENTRAL LONDON THROAT AND EAR HOSPITAL (Gray's Inn-road, W.C.).—5 P.M. Demonstration:—Mr. Stuart-Low: Ear.

THURSDAY (14th).—MEDICAL GRADUATES' COLLEGE AND POLYCLINIC (22, Chenies-street, W.C.).—4 P.M. Mr. Hutchinson: Clinique. (Surgical). 5.15 P.M. Lecture:—Mr. M. Fletcher: Certain Points in the Diagnosis and Treatment of Meningitis.

POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. 11 A.M. Minor Operations. 12 noon. Dr. Low: Tropical Medicine. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations. Mr. Dunn: Eye. 4 P.M. Dr. Hood: Medical Cases. 5 P.M. Mr. Edwards: Rectal Cases.

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CHARING CROSS HOSPITAL.—4 P.M. Dr. Bosanquet: Demonstration (Medical). (Post-Graduate Course.)

HOSPITAL FOR SICK CHILDREN (Gt. Ormond street, W.C.).—4 P.M. Lecture:—Dr. Still: Some Disorders of Movement in Children.

ROYAL INSTITUTE OF PUBLIC HEALTH (37, Russell-square, W.C.).—5 P.M. Dr. L. W. Sambon: The Rôle played by Animals in the Causation and Transmission of Disease (illustrated by lantern slides, coloured diagrams (by Signor Terzi), and microscopical and other specimens).

NORTH-EAST LONDON POST-GRADUATE COLLEGE (Tottenham Hospital, N.).—4.30 P.M. Lecture:—Dr. G. P. Chappel: Hæmatemesis.

FRIDAY (15th).—MEDICAL GRADUATES' COLLEGE AND POLYCLINIC (22, Chenies-street, W.C.).—4 P.M. Clinique. (Ear).

POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. Practical Anæsthetics. 11 A.M. Minor Operations. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations. 3 P.M. Mr. Bidwell: Intestinal Surgery. 5 P.M. Mr. Paget: Surgical Cases.

LONDON SCHOOL OF CLINICAL MEDICINE (Dreadnought Hospital, Greenwich).—2.30 P.M. Operations. Dr. R. Bradford: Medicine. 3.15 P.M. Mr. McGavin: Surgery. Out-patient Demonstrations:—10 A.M. Surgical and Medical. 12 noon. Skin.

NATIONAL HOSPITAL FOR THE PARALYSED AND EPILEPTIC (Queen-square, Bloomsbury, W.C.).—3.30 P.M. Clinical Lecture:—Dr. A. Turner: Paralysis Agitans.

SATURDAY (16th).—POST-GRADUATE COLLEGE (West London Hospital, Hammersmith-road, W.).—10 A.M. Medical and Surgical Wards. 11 A.M. Minor Operations. 2 P.M. Medical and Surgical Clinics. 2.30 P.M. Operations.

LONDON SCHOOL OF CLINICAL MEDICINE (Dreadnought Hospital, Greenwich.)—2.30 P.M. Operations. Out-patient Demonstrations:—10 A.M. Surgical and Medical. 11 A.M. Eye.

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(Taken daily at 8.30 a.m. by Steward's Instruments.)

THE LANCET Office, June 7th, 1906.

Date.	Barometer reduced to Sea Level and 32° F.	Direction of Wind.	Rainfall.	Solar Radia in Vacuo.	Maximum Temp. Shade.	Min. Temp.	Wet Bulb.	Dry Bulb.	Remarks.
June 1	29·55	W.	...	116	64	48	49	53	Cloudy
" 2	29·88	N.E.	0·04	91	61	48	49	51	Raining
" 3	30·02	N.	0·03	117	69	44	57	61	Cloudy
" 4	30·26	N.E.	...	104	62	46	54	58	Cloudy
" 5	30·38	N.E.	...	111	65	45	45	49	Cloudy
" 6	30·35	E.	...	117	69	48	51	54	Fine
" 7	30·25	E.	...	114	71	47	53	59	Fine

During the week marked copies of the follo[illegible] ...oneath the have been received:—*Belfast Whig, Morn*[illegible] A. F. LONDON.
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Bolton Chronicle, Daily Telegraph, [illegible]
Glasgow Record, Leeds Post, Brad[illegible]
Belfast News Letter, Liverpool myself, has had to go through
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